

Splitting an amount into a ratio

1. Split £150 into the following ratios:

a. 2:1
£100:£50

b. 1:4
£30:£120

c. 3:7
£45:£105

2. Split 360g into the following ratios:

a. 3:1
270g:90g

b. 5:7
150g:210g

c. 2:4:3
80g:160g:120g

3. Split 225m into the following ratios:

a. 11:4
165g:60g

b. 5:1:3
125g:25g:75g

d. 10:9:6
90g:81g:54g

4. Karen and Priti are sharing a packet of sweets in the ratio 2:3. Karen gets 10 sweets. How many sweets does Priti get?
15

5. Tom, Phil and Ali deliver newspapers. One weekend they deliver 120 newspapers between them. If the numbers they delivered are in the ratio 1:4:3, how many newspapers did Ali deliver?
45

6. Ando and Hiro are 13 and 15 respectively. Their grandad gives them £112 to share in the ratio of their ages. How much do they each get?
£52:£60

7. There are 12 people in a book club. The ratio of men to women is 1:2. Two more men join the group. What is the new ratio of men to women? Give your answer in its simplest form.
6:8 → 3:4

8. In a tennis club there are 3 times as many right-handed players as there are left-handed players. If there are 36 players in total, how many are left-handed?
9